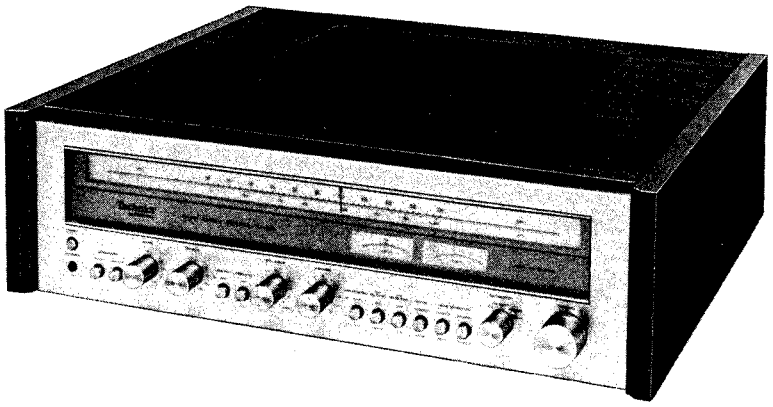
ORDER NO. SD7702-1179

Service Manual

FM/AM STEREO RECEIVER

SA-5570

(M), (MC)



- The model SA-5570 (M) is available in America only.
- The model SA-5570 (MC) is available in Canada only.

Simulated wood cabinet

TECHNICAL SPECIFICATIONS

(Specifications are subject to change without notice for further improvement.)

AMPLIFIER SECTION

Rated minimum sine wave RMS power output
20 Hz~20 kHz
both channels driven
0.1% total harmonic distortion
85W per channel (8 ohms)

20Hz~20kHz continuous power output
both channels driven
0.1% total harmonic distortion
90W per channel (4 ohms)

1 kHz continuous power output
both channels driven 93W per channel (8 ohms)
0.1% total harmonic distortion 108W per channel (4 ohms)

Total harmonic distortion
0.1% at rated power (20 Hz~20 kHz)
0.08% at half power (20 Hz~20kHz)
0.05% at half power (1 kHz)

Intermodulation distortion	0.1%
Damping factor	55 (8 ohms)
Input sensitivity and impedance	
PHONO	2.5mV/47kilohms
AUX	150mV/35kilohms
TAPE 1, 2 PLAYBACK	150mV/35kilohms
PHONO maximum input voltage (1 kHz, RMS)	150mV
S/N (IHF,A)	
PHONO	78 dB
AUX	95 dB
Frequency response	
PHONO	RIAA standard curve ±0.2 dB
AUX	20 Hz~ 20 kHz, ±0.5 dB
Tone controls	
BASS	50 Hz, +13 dB~−13 dB
TREBLE	10 kHz, +12 dB~−12 dB
Loudness control (volume at −30 dB)	50 Hz, +9 dB
High filter	7 kHz, −6 dB/oct.
Low filter	100Hz, −6 dB/oct.
Output voltage	
TAPE 1, 2 REC OUT	150mV
Load impedance	
MAIN or REMOTE	4~16 ohms
MAIN + REMOTE	8~16 ohms

FM TUNER SECTION

Frequency range	88~108 MHz
Sensitivity	10.3dBf 1.8μV (IHF '58)
50 dB quieting sensitivity	
MONO	13.2 dB f, 2.5μV (IHF '58)
STEREO	36.2 dB f, 35.4μV (IHF '58)
Total harmonic distortion	
MONO	100 Hz 0.15%, 1kHz 0.15%, 6kHz 0.3%
STEREO	100Hz 0.25%, 1kHz 0.25%, 6 kHz 0.4%
S/N MONO	75 dB
STEREO	72 dB
Frequency response	20 Hz~15 kHz, $^{+0.2}_{-0.3}$ dB
Alternate channel selectivity	70 dB
Capture ratio	1.5 dB
Image rejection at 98 MHz	53 dB
IF rejection at 98 MHz	80 dB
Spurious response rejection at 98 MHz	78 dB
AM suppression	55 dB
Stereo separation	
1 kHz	45 dB
10 kHz	35 dB
Leak carrier	−65 dB

AM TUNER SECTION

Frequency range	525~1605kHz
Sensitivity	30μV, 260μV/m
Selectivity	25 dB
Image rejection at 1000 kHz	47 dB
IF rejection at 1000 kHz	40 dB

GENERAL

Power consumption	270W (only for America) 590VA (only for Canada)
Power supply	AC 120V 60Hz
Dimensions (W x H x D)	21$^{5}/_{16}$" x 6$^{3}/_{32}$" x 16$^{17}/_{32}$" (541 x 155 x 420) mm
Weight	38.9 lb. (17.7k g)

Weights and dimensions shown are approximate.

Technics by Panasonic

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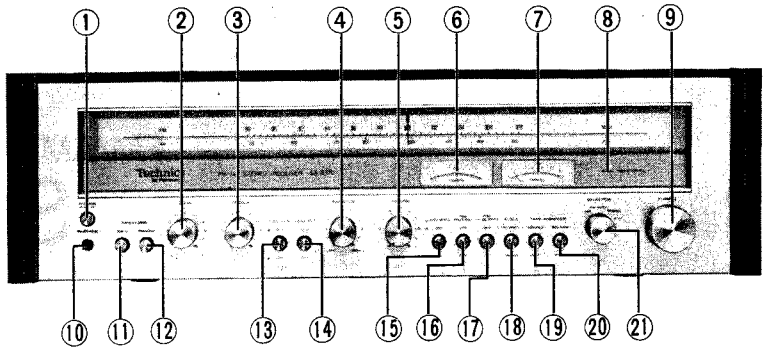
Division of Matsushita Electric
Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

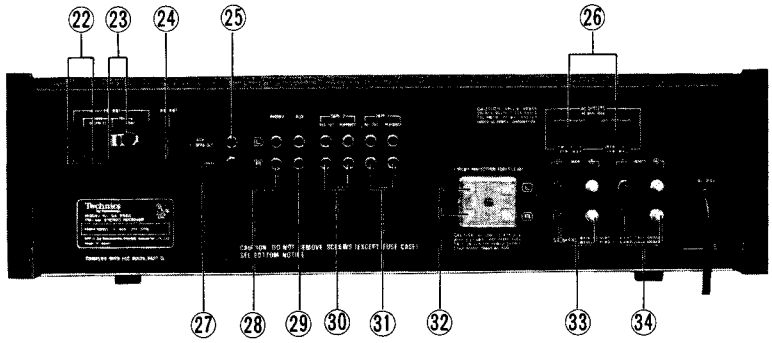
Matsushita Electric of Hawaii, Inc.
320 Waiakamilo Road, Honolulu,
Hawaii 96817

Matsushita Electric of Canada Ltd.
40 Ronson Drive, Rexdale,
Ontario, Canada M9W 1B5

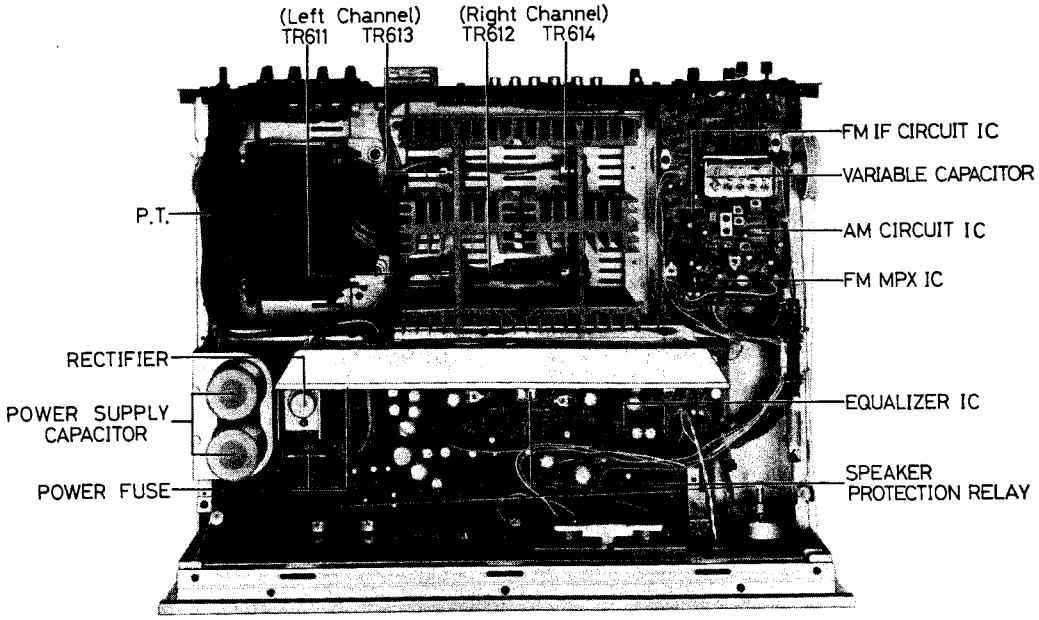
■ LOCATION OF CONTROLS



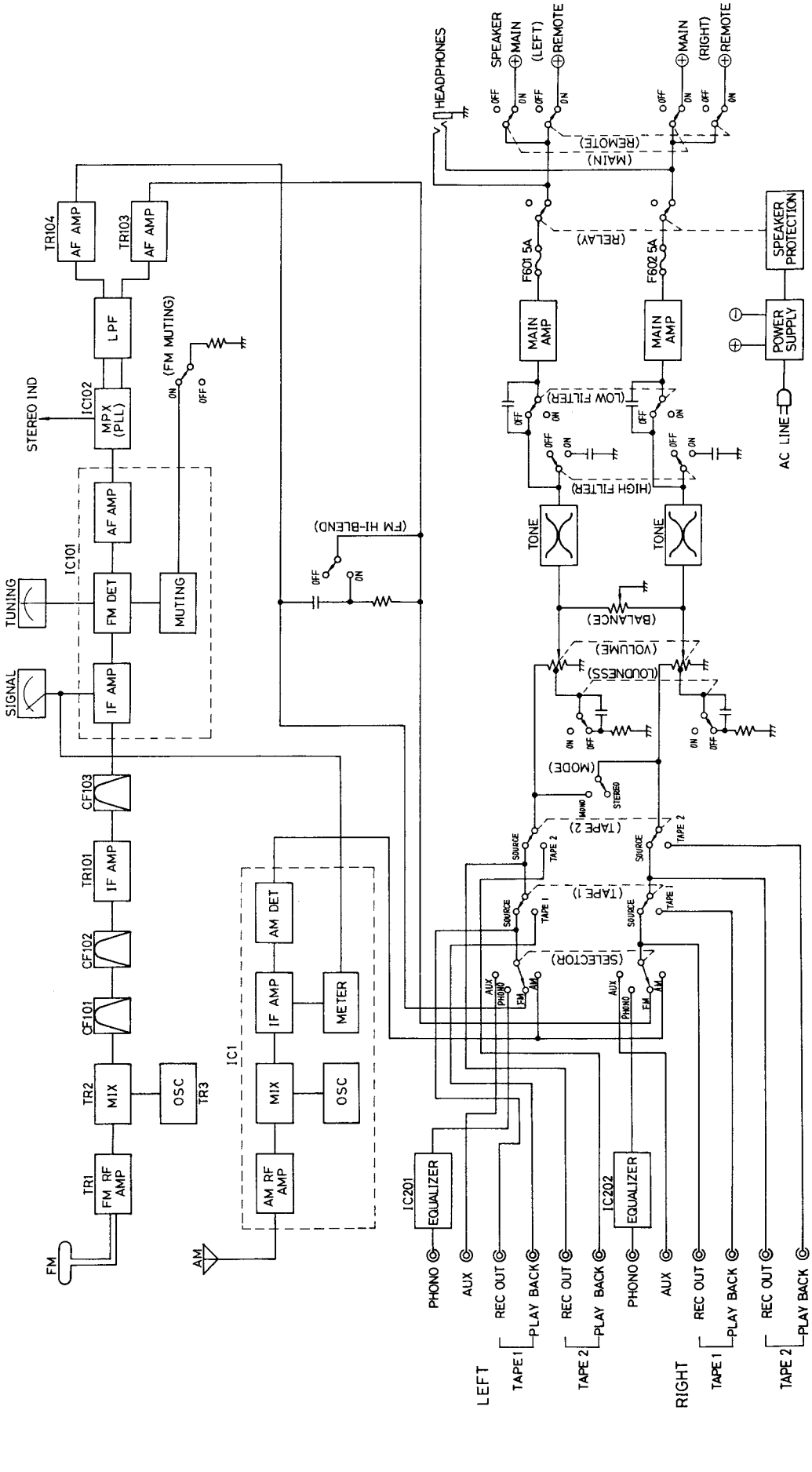
① POWER SWITCH
② BASS CONTROL
③ TREBLE CONTROL
④ BALANCE CONTROL
⑤ VOLUME CONTROL
⑥ FM TUNING METER
⑦ FM/AM SIGNAL METER
⑧ FM STEREO INDICATOR
⑨ TUNING CONTROL
⑩ HEADPHONES JACK
⑪ MAIN SPEAKER SWITCH
⑫ REMOTE SPEAKER SWITCH
⑬ LOW FILTER SWITCH
⑭ HIGH FILTER SWITCH
⑮ LOUDNESS SWITCH
⑯ FM MUTING SWITCH
⑰ FM HI-BLEND SWITCH
⑱ MODE SWITCH
⑲ TAPE MONITOR (TAPE 1) SWITCH
⑳ TAPE MONITOR (TAPE 2) SWITCH
㉑ SELECTOR SWITCH



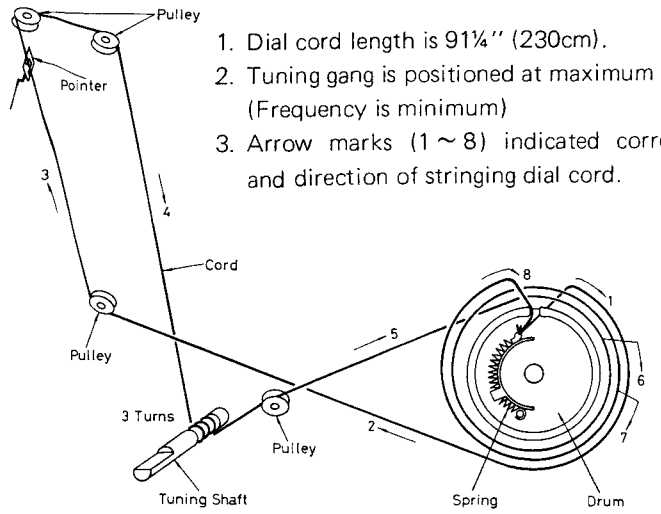
㉒ FM ANTENNA TERMINALS (300Ω)
㉓ FM ANTENNA TERMINALS (75Ω)
㉔ AM ANTENNA TERMINAL
㉕ 4CH MPX OUTPUT TERMINAL
㉖ AC OUTLETS
㉗ GROUND TERMINAL
㉘ PHONO INPUT TERMINALS
㉙ AUX INPUT TERMINALS
㉚ TAPE DECK 2 CONNECTION TERMINALS
㉛ TAPE DECK 1 CONNECTION TERMINALS
㉜ SPEAKER CIRCUIT PROTECTION FUSES
㉝ MAIN SPEAKER TERMINALS
㉞ REMOTE SPEAKER TERMINALS



■ BLOCK DIAGRAM



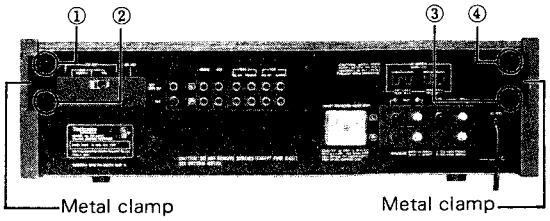
■ DIAL CORD INSTALLATION GUIDE



1. Dial cord length is 91¼" (230cm).
2. Tuning gang is positioned at maximum capacity. (Frequency is minimum)
3. Arrow marks (1 ~ 8) indicated correct order and direction of stringing dial cord.

■ TO REMOVE CABINET

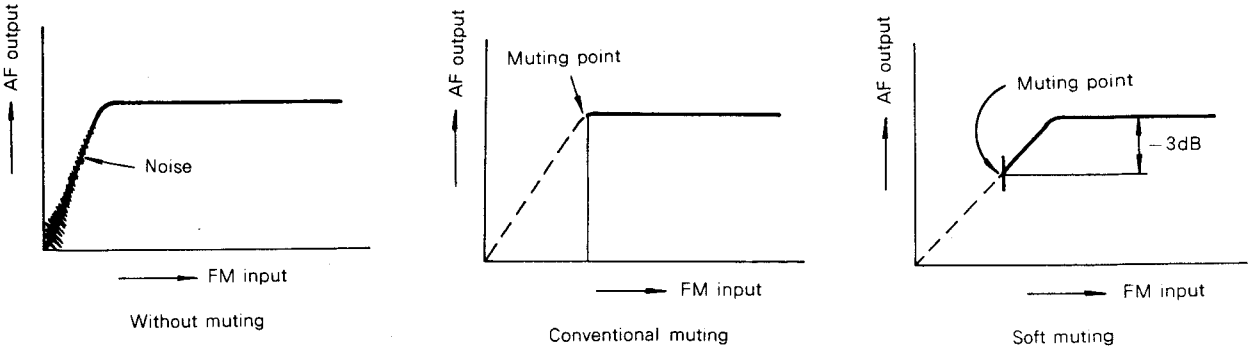
1. Remove metal clamp-mounting screws (nos.①~④) from rear panel.
2. Remove metal clamp.
3. Remove four (4) cabinet mounting screws. (Right and left side)
4. Remove cabinet from chassis.
5. To reassemble, reverse above procedure.



■ SERVICE AID

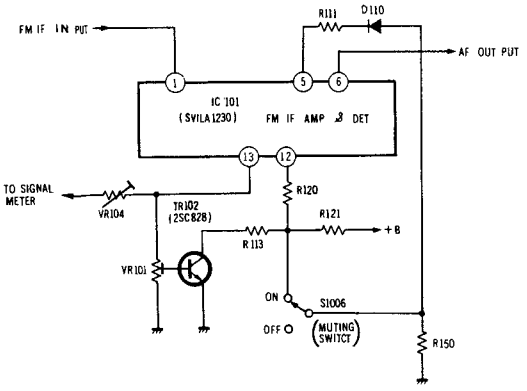
• FM soft muting

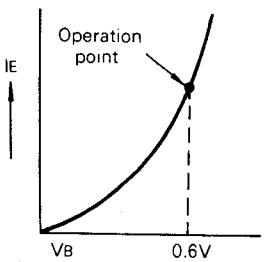
When moving the tuning point away from the point of maximum output (optimum tuning) the signal output gradually decreases until it reaches zero output. (between stations.) In conventional muting circuits a sharp "popping" noise is heard when tuning, due to the sudden (switch-like) action of the muting circuit from zero signal to full output. This "Soft muting" circuit lets the sound fade more gradually, making it more natural and pleasant to listen to.



• Circuitry principles

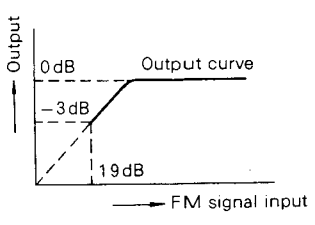
This circuit makes use of the VBE characteristics of TR102 (2SC828). (Refer to fig. 1.) The detected voltage from the FM IF input signal is applied to the base of TR102. When the FM input signal increases this voltage increases, causing the emitter current, to increase, which, in turn, decreases the collector voltage of TR102, making the collector voltage approache ground potential. Because the collector of TR102 is connected to the IC101 IF amplifier through the muting switch, a change in the collector voltage will control the output of the IC101 IF amplifier. When the FM input signal increases to the point that the base voltage of TR102 reaches its operating point (about 0.6V), the output of IC101 reaches maximum.





VBE curve of TR102

Fig. 1.



FM input vs. AF output curve

Fig. 2

■ ALIGNMENT INSTRUCTIONS

MAIN AMP (ICQ) ALIGNMENT

Notes:
1. The "Icq" adjustment should be started about 5 minutes after setting the power switch to the ON position.
2. Speakers switch to OFF position.

1
1 Connect DC VTVM between TP602 and TP603 (Left channel), TP604 and TP605 (Right channel)
2 Adjust VR601 (Left channel) and VR602 (Right channel) to 12mV on DC VTVM indication.

Notes:
1. Muting switch ..... OFF
2. Band selector switch.....AM/FM AUTO (FM, RF, FM-IF)
3. 300Ω FM dummy antenna.....Refer to fig. 1
4. Speaker switch.....ON
5. Mode switch..... MONO
6. Maintain line voltage at 120 volts.
7. Output of signal generator should be no higher than necessary to obtain an output reading.

	SIGNAL GENERATOR or SWEEP GENERATOR CONNECTION	SIGNAL GENERATOR or SWEEP GENERATOR FREQUENCY	DIAL SETTING [DISTANCE]	INDICATOR (VTVM or SCOPE) (DISTORTION METER)	ADJUSTMENT POINTS	REMARKS
	AM ALIGNMENT					
2	High side through 0.001μF to **AM** antenna trimmer terminal. Common to chassis.	455kHz	Point of non-inter-ference	Connect vertical ampli-fier of scope to **TP1.** through 0.1μF.	T1 (1st IFT) (P) T2 (2nd IFT) (S) T3 (IF Trap)	Adjust for maximum output.
3	Fashion loop of several turns of wire and radiate signal into loop of tuner.	600kHz (30% Mod. with 400Hz)	600kHz [1⅛" (31.5mm)]	Connect VTVM or scope to speaker terminal of receiver.	L6 (OSC Coil) L8 (ANT Coil)	Adjust for maximum output, Adjust L8 by moving coil bobbin. along ferrite core.
4	Fashion loop of several turns of wire and radiate signal into loop of tuner.	1500kHz (30% Mod. with 400Hz)	1500kHz [7⅜" (180.1mm)]	Connect VTVM or scope to speaker terminal of receiver.	CT5 (OSC Trimmer) CT4 (ANT Trimmer)	Adjust for maximum output. Repeat steps (3) and (4).
	FM-IF ALIGNMENT					
5		No Signal	Point of non-inter-ference.	Tuning meter of set.	T101 (DISCRI IFT)(A) Orange Core	Adjust for center position of tuning meter.
	FM-RF ALIGNMENT					
6	Connect to FM antenna terminal through FM dummy antenna.	90MHz (100% Mod. with 400Hz)	90MHz [¾" (19.2mm)]	Connect VTVM or scope to speaker terminal of receiver.	L5 (OSC Coil) L3 (DET Coil) L2 (ANT Coil)	Adjust for maximum output.
7	Connect to FM antenna terminal through FM dummy antenna.	106MHz (100% Mod. with 400Hz)	106MHz [6⅞" (176.2mm)]	Connect VTVM or scope to speaker terminal of receiver.	CT3 (OSC Trimmer) CT2 (DET Trimmer) CT1 (ANT Trimmer)	Adjust for maximum output. Repeat steps (6) and (7).
	FM MONO DISTORTION ALIGNMENT					
8	Connect to FM antenna terminal through FM dummy antenna.	100MHz (100% Mod. with 400Hz)	100MHz	Connect distortion meter to speaker terminal of receiver.	T101 (DISCRI IFT)(B) Green Core	Adjust for minimum distortion meter indication.

FM SIGNAL METER ALIGNMENT

9
① Apply 100MHz FM signal of 100 dB, 400Hz 30% modulation to FM antenna terminal through FM dummy antenna.
② Tuning 100MHz for maximum output by speaker terminal.
③ Adjust **VR104** for about 4.7 point of signal meter indication.

SOFT MUTING LEVEL ALIGNMENT ..... Refer to SERVICE AID on page 4.

10
① Muting switch to "off".
② Apply a 60 dB (1mV) mono RF FM signal to the antenna terminals.
③ Adjust Volume Control of receiver to indicate 0 dB on meter across speaker terminals.
④ Muting switch to "on".
⑤ Reduce FM signal to 19 dB (9μV).
⑥ Adjust **VR101** to **–3 dB** on output meter. Refer to fig. 4.

FM MPX PILOT ALIGNMENT

11

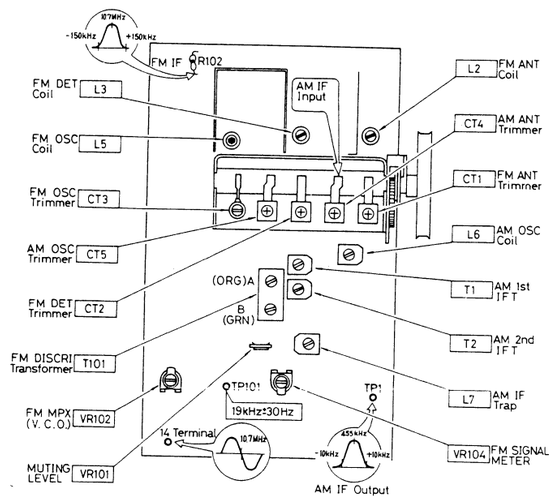
Using a frequency counter	Using alternate system
① 98MHz Non-modulated mono signal applied to set. ② Muting switch to "on". ③ Connect frequency counter to **TP101** through resistor (100kΩ). ④ Adjust **VR102** to 19kHz ±30Hz.	① Apply stereo signal from generator or stereo station to receiver. ② Adjust **VR102** until stereo indicator lights up. Cement arm of **VR102** as shown in fig. 2.

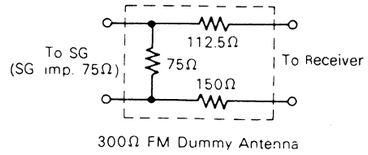
STEREO SEPARATION ALIGNMENT

Note: 1. Stereo modulator ..... Connect stereo modulator output to EXT. MOD. terminal of signal generator. Internal OSC..... 1kHz Pilot signal modulation..... 10%
2. Signal generator ..... Frequency approximately 98MHz. Output level 72 dB (IHF). Modulation mode to FM.
3. Band selector switch..... FM AUTO 4. Mode switch..... STEREO

	SIGNAL GENERATOR CONNECTION	STEREO MODULATOR MODE and MOD. RATE	INDICATOR (VTVM or SCOPE)	ADJUSTMENT POINTS	REMARKS
12	FM antenna terminal through dummy antenna.	L (and R) 30% Modula-tion.	Connect VTVM or scope to speaker terminals through low pass filter. Refer to fig. 3.	VR103	Adjust for minimum right (and left) output.

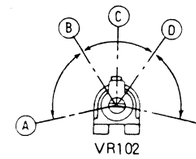
• Alignment Points (FM/AM RF & IF Circuit)





300Ω FM Dummy Antenna

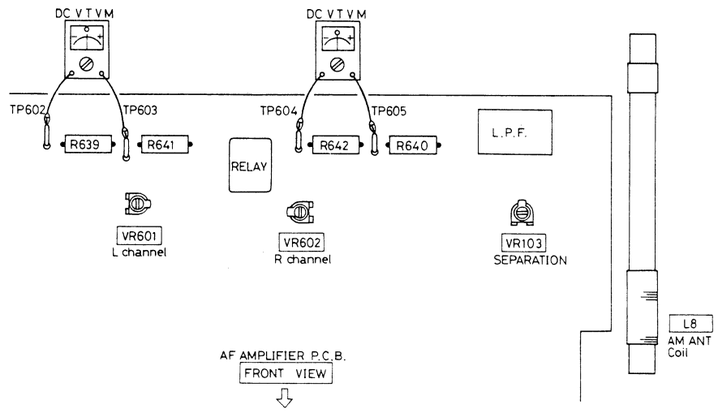
Fig. 1



Ⓐ ~ Ⓑ, Ⓓ ~ Ⓔ : Stereo OFF Position
Ⓑ ~ Ⓓ : Stereo ON Position (Indicator Lighting)
Ⓒ : Adjust Point of Pilot Circuit.

Fig. 2

• Alignment Points (AF Amplifier Circuit)



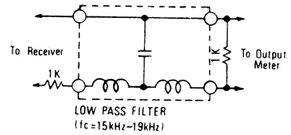
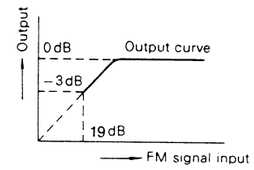


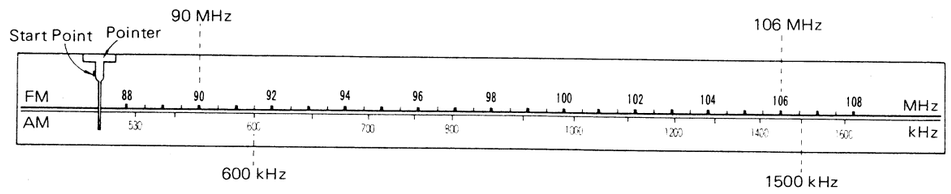
Fig. 3



FM input vs. AF output curve

Fig. 4

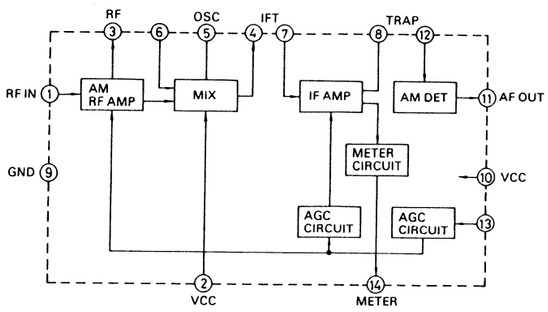
• Dial Scale and Start Point of Dial Pointer



■ BLOCK DIAGRAM OF INTEGRATED CIRCUITS

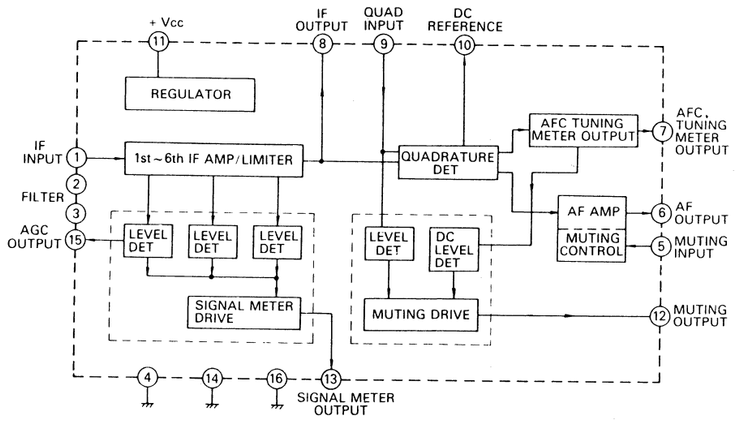
• IC1 **(SVIHA1151)**

AM RF, OSC, MIX, IF AMP & AM DETECTOR CIRCUIT



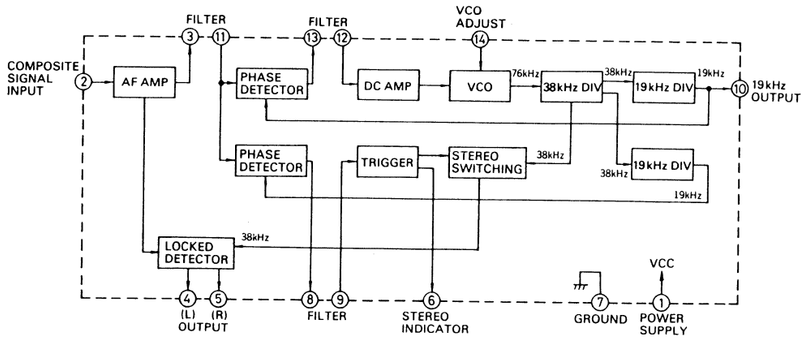
• IC101 **(SVILA1230)**

FM IF AMP. FM DETECTOR & MUTING CIRCUIT



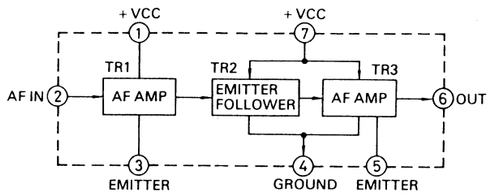
• IC102 **(SVIHA1156)**

FM MULTIPLEX CIRCUIT

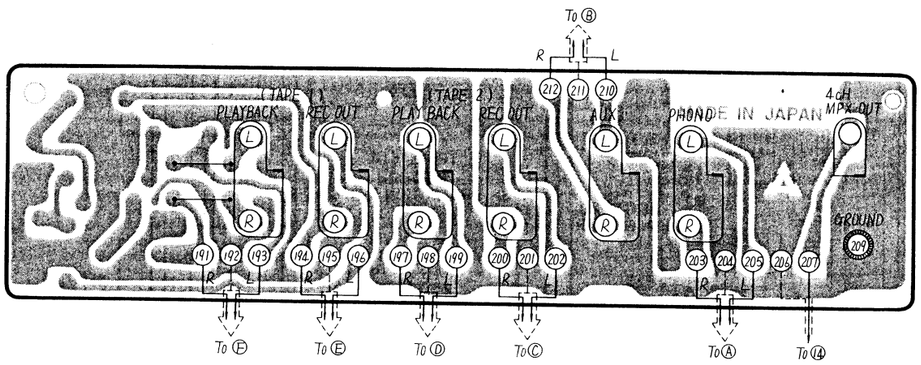


• IC201, 202 **(SVITA7129P)**

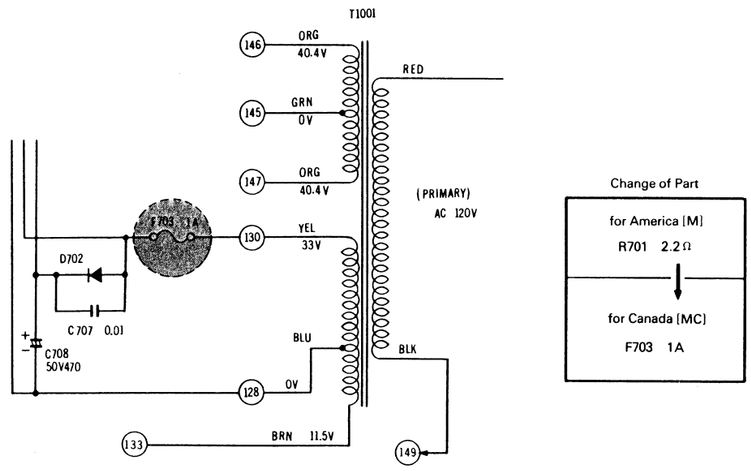
EQUALIZER AMPLIFIER



■ INPUT & TAPE DECK CONNECTION TERMINAL CIRCUIT BOARD



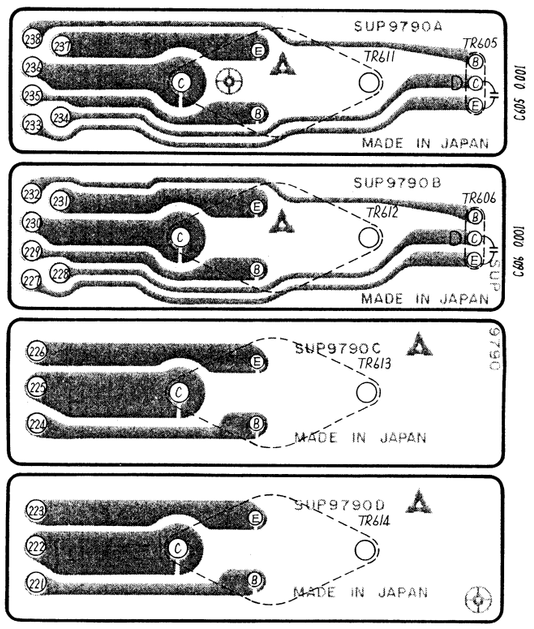
POWER SUPPLY CIRCUIT FOR CANADA [MC]



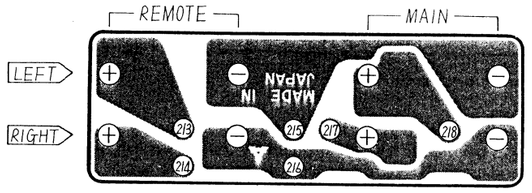
Change of Part

for America [M] R701 2.2Ω
↓
for Canada [MC] F703 1A

■ POWER TRANSISTOR CIRCUIT BOARDS

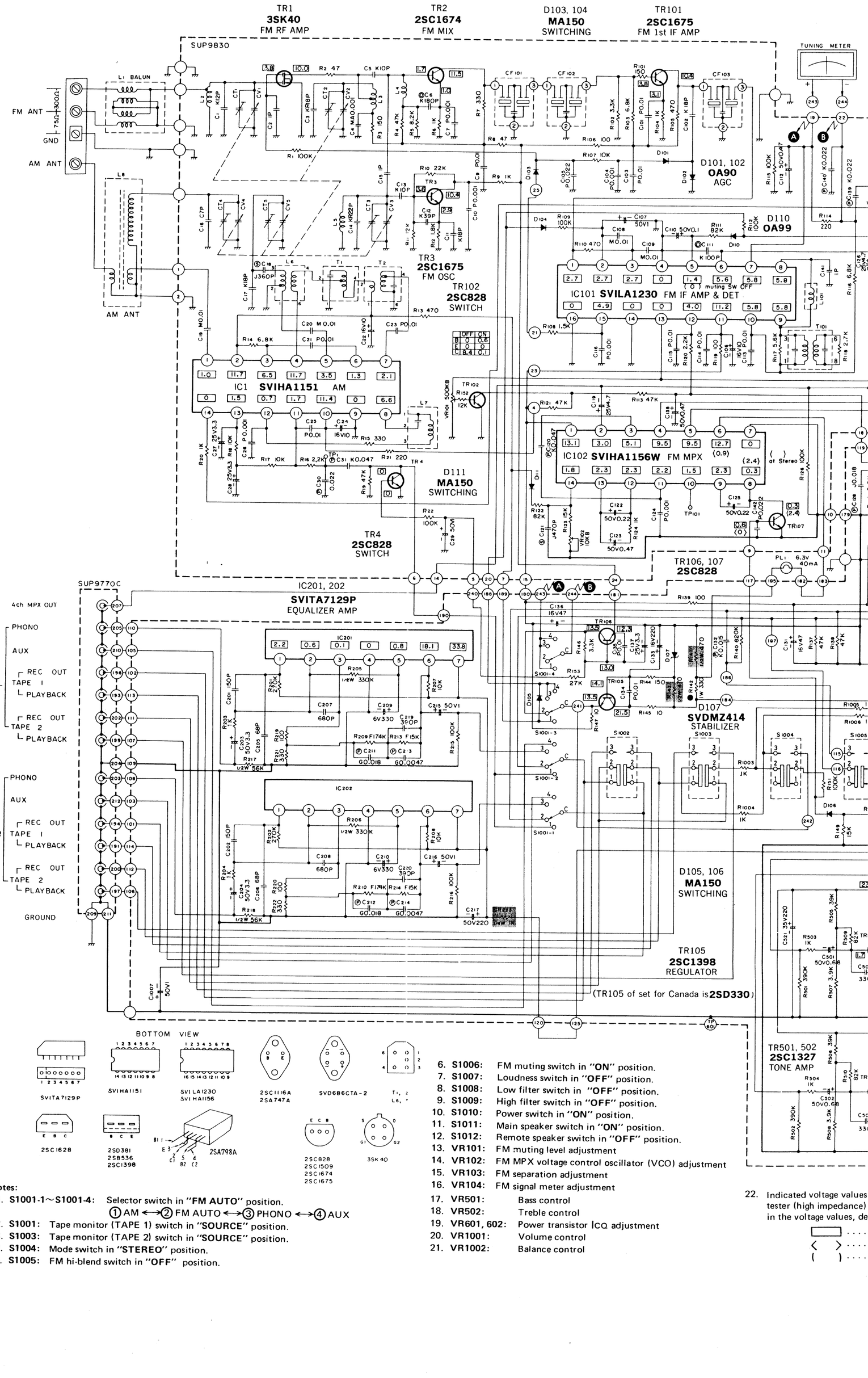


■ SPEAKERS TERMINAL CIRCUIT BOARD



Schematic Diagram.....Model SA-5570

(This schematic diagram may be modified at any time with the development of new technology



Notes:

1. **S1001-1～S1001-4:** Selector switch in **"FM AUTO"** position.
   ①AM ←→ ②FM AUTO ←→ ③PHONO ←→ ④AUX
2. **S1001:** Tape monitor (TAPE 1) switch in **"SOURCE"** position.
3. **S1003:** Tape monitor (TAPE 2) switch in **"SOURCE"** position.
4. **S1004:** Mode switch in **"STEREO"** position.
5. **S1005:** FM hi-blend switch in **"OFF"** position.
6. **S1006:** FM muting switch in **"ON"** position.
7. **S1007:** Loudness switch in **"OFF"** position.
8. **S1008:** Low filter switch in **"OFF"** position.
9. **S1009:** High filter switch in **"OFF"** position.
10. **S1010:** Power switch in **"ON"** position.
11. **S1011:** Main speaker switch in **"ON"** position.
12. **S1012:** Remote speaker switch in **"OFF"** position.
13. **VR101:** FM muting level adjustment
14. **VR102:** FM MPX voltage control oscillator (VCO) adjustment
15. **VR103:** FM separation adjustment
16. **VR104:** FM signal meter adjustment
17. **VR501:** Bass control
18. **VR502:** Treble control
19. **VR601, 602:** Power transistor ICQ adjustment
20. **VR1001:** Volume control
21. **VR1002:** Balance control
22. Indicated voltage values
    tester (high impedance)
    in the voltage values, de

natic diagram may be modified at any time with the development of new technology)

D103, 104
MA150
SWITCHING

TR101
2SC1675
FM 1st IF AMP

TUNING METER

SIGNAL METER

D101, 102
OA90
AGC

D110
OA99

D108
MA150
DET

IC101 **SVILA1230** FM IF AMP & DET

( ) muting SW OFF

IC102 **SVIHA1156W** FM MPX

( ) at Stereo

TR106, 107
2SC828

TR103, 104
2SA733
AF AMP

D107
SVDMZ414
STABILIZER

D105, 106
MA150
SWITCHING

TR105
2SC1398
REGULATOR

(TR105 of set for Canada is **2SD330**)

TR501, 502
2SC1327
TONE AMP

TR503, 504
2SC1328
TONE AMP

SUP9770A

SUP9790A

SUP9790C

SVDMZ324

TR601
2SA798A
DIFFERENTIAL

TR603
2SC1628
PRE DRIVE

TR607
2SD381A
DRIVE

TR609
2SB536A
DRIVE

D602
SVD10E1

D109
SVDMA26-2

TR108
2SC828
SWITCH

TR602
2SA798A
DIFFERENTIAL

TR604
2SC1628
PRE DRIVE

TR608
2SD381A
DRIVE

TR610
2SB536A
DRIVE

TR701
2SC1328
RIPPLEFILTER

D603, 703
SVD10E1
RECT

D701
SVD6B6CTA
RECT

D702
SVD10E1
RECT

(12.6V 0.38A)

6: FM muting switch in "ON" position.
7: Loudness switch in "OFF" position.
8: Low filter switch in "OFF" position.
9: High filter switch in "OFF" position.
0: Power switch in "ON" position.
1: Main speaker switch in "ON" position.
2: Remote speaker switch in "OFF" position.
1: FM muting level adjustment
2: FM MPX voltage control oscillator (VCO) adjustment
3: FM separation adjustment
4: FM signal meter adjustment
1: Bass control
2: Treble control
1, 602: Power transistor ICQ adjustment
01: Volume control
02: Balance control

22. Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high impedance) with the chassis taken as standard Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.

▭ ..... FM/AM non signal condition
< > ..... FM stereo signal reception
( ) ..... FM muting to "ON" position

IMPORTANT SAFETY NOTICE

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORP
IMPORTANT FOR SAFETY.
WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFAC
USED FOR THE CRITICAL COMPONENTS IN THE SHADED AR

f new technology)

TUNING METER

SIGNAL METER

SUP9770A

SVDMZ324

TR601
2SA798A
DIFFERENTIAL

TR603
2SC1628
PRE DRIVE

TR607
2SD381A
DRIVE

TR609
2SB536A
DRIVE

D108
MA150
DET

D602
SVD10E1

D109
SVDMA26-2

TR108
2SC828
SWITCH

TR602
2SA798A
DIFFERENTIAL

TR604
2SC1628
PRE DRIVE

TR608
2SD381A
DRIVE

TR610
2SB536A
DRIVE

L.P.F.

TR103, 104
2SA733
AF AMP

TR503, 504
2SC1328
TONE AMP

D603, 703
SVD10E1
RECT

D702
SVD10E1
RECT

D701
SVD6B6CTA
RECT

(12.6V 0.38A)

TR701
2SC1328
RIPPLEFILTER

TR615, 616
2SC828
SP, PROTECTION SWITCH

TR617, 618
2SC1509
RELAY DRIVE

SUP9790A SUP9790B SUP9790C SUP9790D

TR611, 612
2SC1116A
POWER

TR613, 614
2SA747A
POWER

TR605, 606
2SC828
THERMO COMPENSATOR

SUP9770B

MAIN

REMOTE

HEAD PHONES

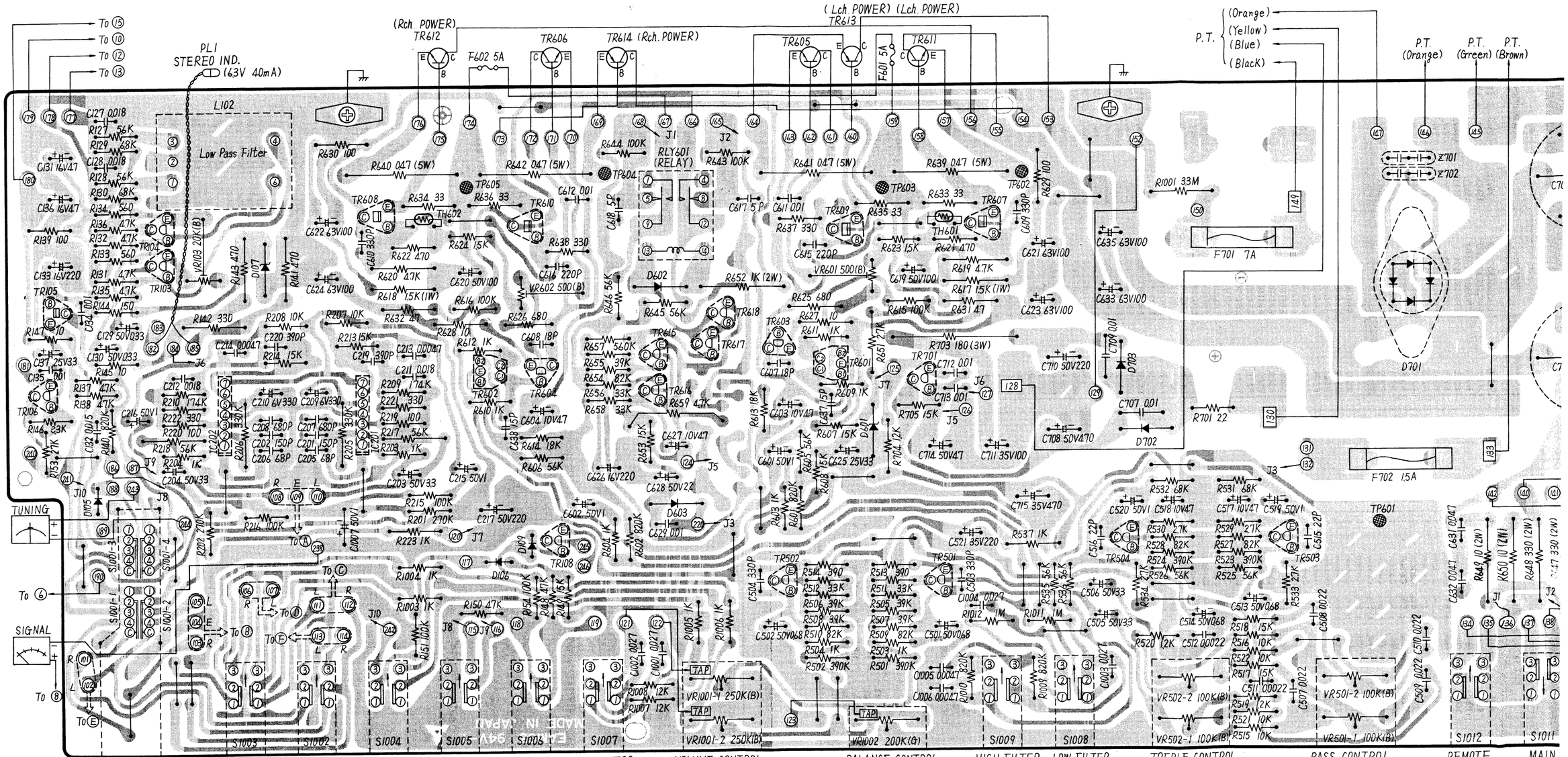
cated voltage values are the standard values for the unit measured by the DC electronic circuit
r (high impedance) with the chassis taken as standard Therefore, there may exist some errors
he voltage values, depending on the internal impedance of the DC circuit tester.

- ▭ ..... FM/AM non signal condition
- 〈 〉 ..... FM stereo signal reception
- ( ) ..... FM muting to "ON" position

IMPORTANT SAFETY NOTICE

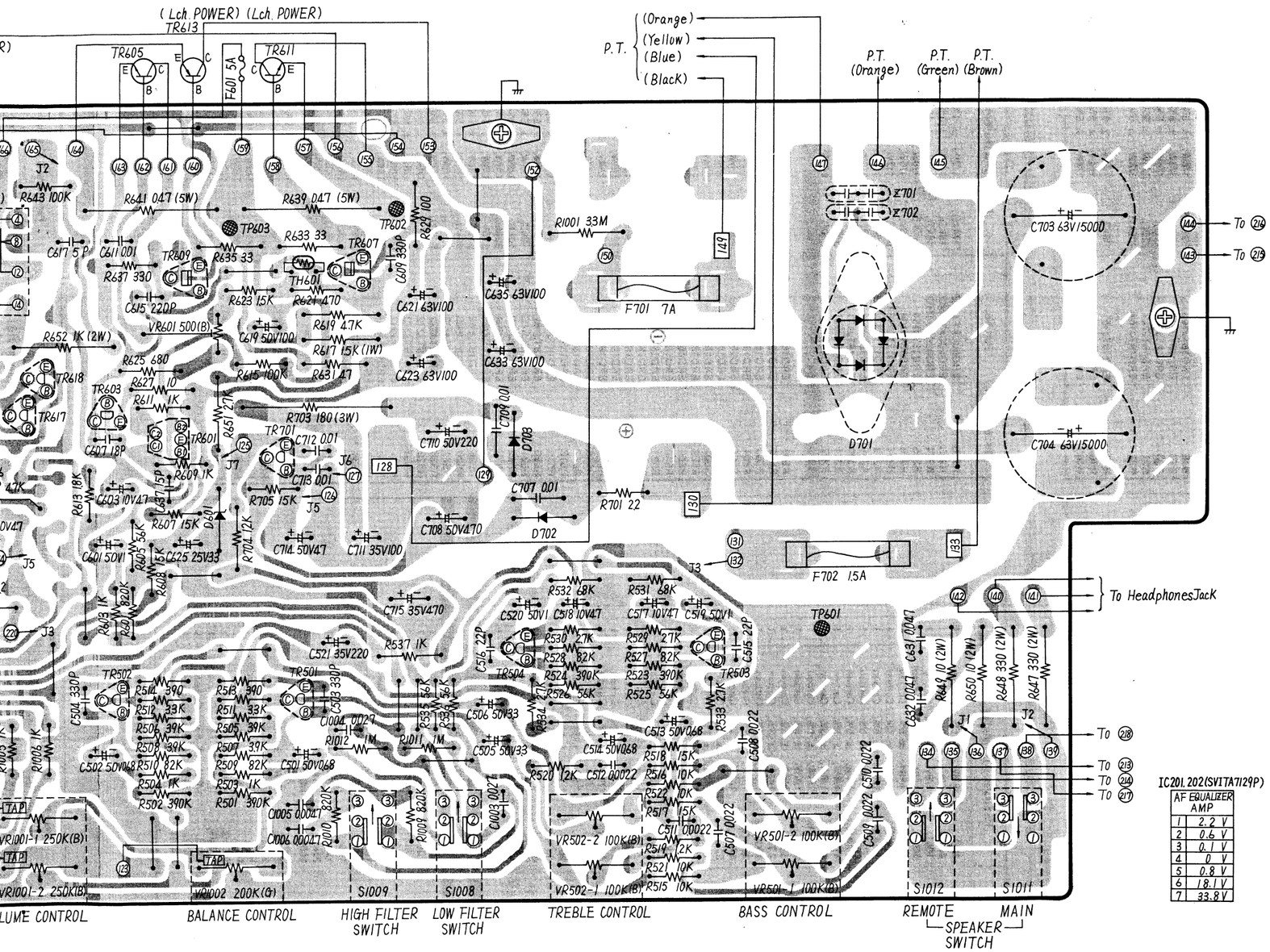
THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR SAFETY.
WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTUR'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

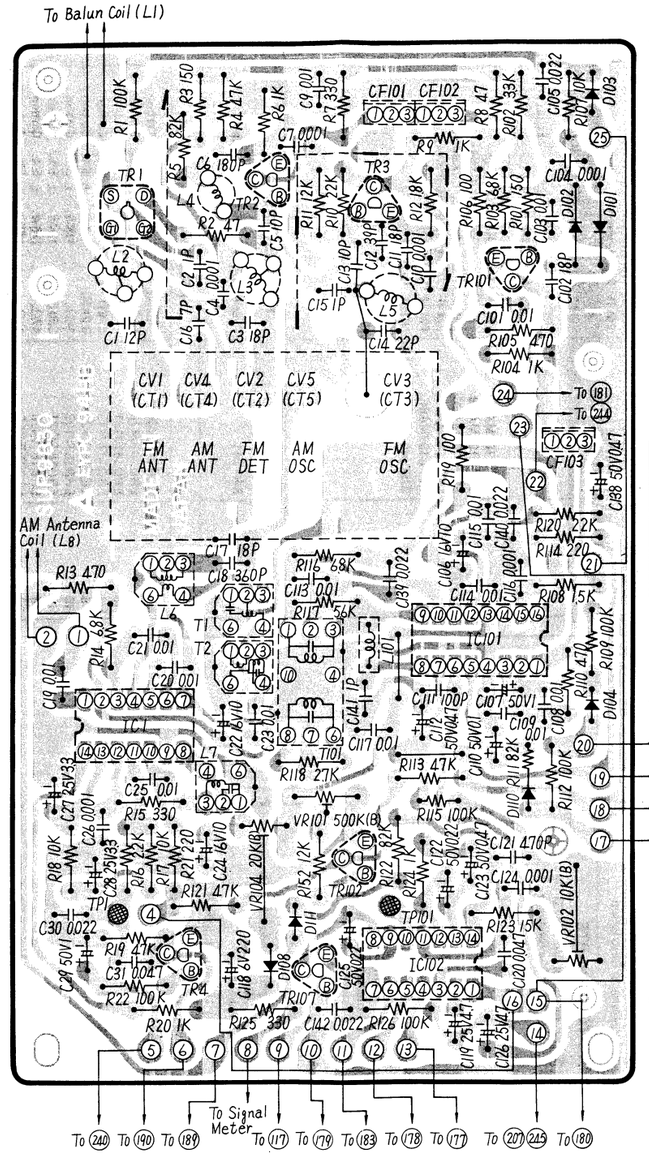
■ EQUALIZER, TONE CONTROL, MAIN AMPLIFIER & POWER SUPPLY CIRCUIT BOARD



TR103.104.(2SA733) AF AMP		TR105(2SC1398) REGULATOR		TR106(2SC828) REGULATOR		TR108(2SC828) SWITCHING		TR501.502(2SC1327) TONE AMP		TR503.504(2SC1328) TONE AMP		TR601.602(2SA798) DEIFFRENTIAL		TR603.604(2SC1628) PRE DRIVE		TR605.606(2SC828) THERMO COMP		TR607.608(2SD381) DRIVE		TR609.610(2SB536) DRIVE		TR611.612(2SC1116) POWER		TR613.614(2SA747) POWER		TR615(2SC828) SWITCH		TR616(2SC828) SWITCH		TR617(2SC509) RELAY DRIVE		TR6 RE
E	11.8 V	E	13.5 V	E	12.3 V	E	0 V	E	1.1 V	E	3 V	E	0.6 V	E	-53.5 V	E	-1.2 V	E	0.6 V	E	-0.6 V	E	0.01 V	E	-0.01 V	E	0 V	E	0 V	E	0.6 V	E	
C	6.9 V	C	21.5 V	C	13.5 V	C	0 V	C	13.5 V	C	20.6 V	B1	0 V	C	-1.1 V	C	1.2 V	C	54.2 V	C	-54.2V	C	54.2 V	C	-54.2V	C	1.2 V	C	1.2 V	C	3.0 V		
B	11.2 V	B	14.1 V	B	13 V	B	0 V	B	1.7 V	B	3.6 V	B2	0 V	B	-52.1 V	B	-0.4 V	B	1.2 V	B	-1.2 V	B	0.6 V	B	-0.6 V	B	-1 V	B	0 V	B	1.2 V		
												C1	-52.1 V																				
												C2	-52.1 V																				

■ FM RF, IF AMPLIFIER, FM MPX & AM CIRCUIT BOARD





IC1 (SVIHA1151)

AM RF, OSC, MIX, IF, DET			
1	1 V	8	6.6 V
2	11.7 V	9	0 V
3	6.5 V	10	11.4 V
4	11.7 V	11	4.7 V
5	3.5 V	12	0.7 V
6	1.3 V	13	1.5 V
7	2.1 V	14	0 V

IC101 (SVILA1230)

FM IF, AMP, DISCRI			
1	2.7 V	10	5.8 V
2	2.7 V	11	11.2 V
3	2.7 V	12	4 V
4	0 V	13	0 V
6	5.6 V	14	0 V
7	5.8 V	15	4.9 V
8	5.8 V	16	0 V
9	5.8 V		
5	MUTING ON 1.4 V MUTING OFF 0 V		

IC102 (SVIHA1156W)

FM MPX		
	STEREO	MONO
1	13.1 V	13.1 V
2	3 V	3 V
3	5.1 V	5.1 V
4	9.5 V	9.5 V
5	9.5 V	9.5 V
6	0.9 V	12.7 V
7	0 V	0 V
8	2.4 V	0.3 V
9	2.3 V	2.3 V
10	1.5 V	1.5 V
11	2.2 V	2.2 V
12	2.3 V	2.3 V
13	2.3 V	2.3 V
14	1.8 V	1.8 V

IC201, 202 (SVITA7129P)

AF EQUALIZER AMP	
1	2.2 V
2	0.6 V
3	0.1 V
4	0 V
5	0.8 V
6	18.1 V
7	33.8 V

TR107 (2SC828)

SWITCHING		
	STEREO	MONO
E	0 V	0 V
C	2.4 V	0.3 V
B	0 V	0.6 V

TR1 (3SK40)

FM RF	
S	0 V
D	10 V
G1	0 V
G2	3.8 V

TR2 (2SC1674)

FM MIX	
E	1 V
C	11.5 V
B	1.7 V

TR3 (2SC1675)

FM OSC	
E	2.9 V
C	10.4 V
B	3.6 V

TR4 (2SC828)

SWITCHING	
E	0 V
C	0 V
B	0 V

TR101 (2SC1675)

FM IF	
E	3.1 V
C	10.4 V
B	3.8 V

TR102 (2SC828)

MUT. SWITCH		
	OFF	ON
E	0 V	0 V
C	8.4 V	0.1 V
B	0 V	6 V

TR603, 604 (2SC1628)

PRE DRIVE	
E	-53.5 V
C	-1.1 V
B	-52.1 V

TR605, 606 (2SC828)

THERMO COMP.	
E	-1.2 V
C	1.2 V
B	-0.4 V

TR607, 608 (2SD381)

DRIVE	
E	0.6 V
C	54.2 V
B	1.2 V

TR609, 610 (2SB536)

DRIVE	
E	-0.6 V
C	-54.2 V
B	-1.2 V

TR611, 612 (2SC1116)

POWER	
E	0.01 V
C	54.2 V
B	0.6 V

TR613, 614 (2SA747)

POWER	
E	-0.01 V
C	-54.2 V
B	-0.6 V

TR615 (2SC828)

SWITCH	
E	0 V
C	1.2 V
B	-1 V

TR616 (2SC828)

SWITCH	
E	0 V
C	1.2 V
B	0 V

TR617 (2SC1509)

RELAY DRIVE	
E	0.6 V
C	3.0 V
B	1.2 V

TR618 (2SC1509)

RELAY DRIVE	
E	0 V
C	3.0 V
B	0.6 V

TR701 (2SC1328)

RIPPLE FILTER	
E	4.2 V
C	43.1 V
B	42.7 V

■ REPLACEMENT PARTS LIST

Important Safety Notice

Components identified by shaded area have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

NOTE: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts orders.

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
INTEGRATED CIRCUITS					
IC1	SVIHA1151	AM RF, IF Amplifier Mix, Osc & Det	1		
IC101	SVILA1230	FM IF Amplifier & Discriminator	1		
IC102	SVIHA1156W	FM MPX	1		
IC201, 202	SVITA7129P	Equalizer Amplifier	2		
TRANSISTORS					
TR1	3SK40-M	FM RF Amplifier [FET]	1		
TR2	2SC1674-M	FM Mixer	1		
TR3, 101	2SC1675-L1	FM Oscillator & IF Amplifier	2		
TR4, 102, 106 107, 108, 501 502, 503, 504, 615, 616, 701	**2SC1328-T**	Switching, Tone Amplifier, Ripple Filter & Speakers Protection (in ranks S or T)	12		
TR103, 104	2SA733-P1	AF Amplifier	2		
TR105 [M]	2SC1398-Q	Regulator (Use in ranks P, Q or R)	1		
TR105 [MC]	2SD330-D	Regulator (Use in ranks C, D or E)	1		
TR601, 602	2SA798A-G2	Differential Amplifier (ranks F2 or G2)	2		
TR603, 604	2SC1628-0	Pre Drive Amplifier (ranks O or Y)	2		
TR605, 606	**2SC828A-R**	Thermo Compensation	2		
TR607, 608	2SD381A-L9	Driver Amp } Use in pair ranks (L or M)	2		
TR609, 610	2SB536A-L9	Driver Amp }	2		
TR611, 612	2SC1116A-0	Power Amp } Use in pair ranks (O or Y)	2		
TR613, 614	2SA747A-0	Power Amp }	2		
TR617, 618	**2SC1509F-Q**	Relay Driver (in ranks Q or R)	2		
DIODES					
D101, 102	OA90	AGC	2		
D103, 104, 105, 106, 108, 111	MA150	Muting Switching	6		
D110	OA99	Muting Switching	1		
D107	SVDMZ414	14V Zener, Voltage Stabilizer	1		
D109	SVDMA26-2	Varistor	1		
D601	SVDMZ324	24V Zener, Voltage Stabilizer	1		
D602, 603, 702, 703	SVD10E1	Rectifier	4		
D701	SVD686CTA■-2	Rectifier	1		
COILS and TRANSFORMERS					
L1	SLAA4W1-3	Balun Coil	1		
L2	SLAA4N9	FM Antenna Coil	1		
L3	SLDA4N18	FM Detector Coil	1		
L4	ELQ5A77	Choke Coil	1		
L5	SLOA4N9	FM Oscillator Coil	1		
L6	RLO2M4P	AM Oscillator Coil	1		
L7	SLI2M401	AM IF Filter Coil	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
L8 [M]	SLF2D27	AM Antenna Coil, for America [M]	1		
L8 [MC]	SLF2D27-1	AM Antenna Coil, for Canada [MC]	1		
L101	SLQX180-1	Choke Coil	1		
L102	SLMA1Z3-K	Low Pass Filter	1		
T1	RLI2M201	AM IF Transformer	1		
T2	RLI2M202	AM IF Transformer	1		
T101	SLI4D513	FM IF Transformer	1		
T1001 [M]	SLT5S11	Power Trans, for America [M], ETP114BUIB	1		
T1001 [MC]	SLT5S17	Power Transformer, Set for Canada [MC]	1		
CERAMIC FILTERS					
CF101, 102, 103	SVFE107MA8A	FM IF Circuit, Red. 10.7MHz	each 3		
	SVFE107MA8B	FM IF Circuit, Blue, 10.67MHz			
	SVFE107MA8C	FM IF Circuit, Orange, 10.73MHz			
	SVFE107MA8D	FM IF Circuit, Black, 10.64MHz			
	SVFE107MA8E	FM IF Circuit, White, 10.76MHz			
	(Use pair ranks as same as CF101, 102 and CF103)				
THERMISTORS					
TH601, 602	RRT251	Thermistor, Drive Amplifier Circuit	2		
RESISTORS					
R1	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R2	ERD18TJ470	47Ω, 1/8W, ± 5%, Carbon	1		
R3	ERD18TJ151	150Ω, 1/8W, ± 5%, Carbon	1		
R4	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R5	ERD18TJ822	8.2kΩ, 1/8W, ± 5%, Carbon	1		
R6	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R7	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1		
R8	ERD18TJ470	47Ω, 1/8W, ± 5%, Carbon	1		
R9	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R10	ERD18TJ223	22kΩ, 1/8W, ± 5%, Carbon	1		
R11	ERD18TJ123	12kΩ, 1/8W, ± 5%, Carbon	1		
R12	ERD18TJ182	1.8kΩ, 1/8W, ± 5%, Carbon	1		
R13	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1		
R14	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1		
R15	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1		
R16	ERD18TJ222	2.2kΩ, 1/8W, ± 5%, Carbon	1		
R17	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R18	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R19	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R20	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R21	ERD18TJ221	220Ω, 1/8W, ± 5%, Carbon	1		
R22	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R101	ERD18TJ151	150Ω, 1/8W, ± 5%, Carbon	1		
R102	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1		
R103	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R104	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R105	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1		
R106	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1		
R107	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R108	ERD18TJ152	1.5kΩ, 1/8W, ± 5%, Carbon	1		
R109	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R110	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1		
R111	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1		
R112	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R113	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R114	ERD18TJ221	220Ω, 1/8W, ± 5%, Carbon	1		
R115	ERD14VJ104	100kΩ, 1/4W, ± 5%, Carbon	1		
R116	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1		
R117	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1		
R118	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1		
R119	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1		
R120	ERD18TJ222	2.2kΩ, 1/8W, ± 5%, Carbon	1		
R121	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R122	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1		
R123	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1		
R124	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R125	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1		
R126	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R127	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1		
R128	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1		
R129	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1		
R130	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1		
R131	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1		
R132	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1		
R133	ERD18TJ561	560Ω, 1/8W, ± 5%, Carbon	1		
R134	ERD18TJ561	560Ω, 1/8W, ± 5%, Carbon	1		
R135	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1		
R136	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1		
R137	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R138	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R139	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1		
R140	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1		
R141	ERD12FJ471	470Ω, 1/2W, ± 5%, Carbon	1		
R142	ERG1ANJ331	330Ω, 1W, ± 5%, Metallic	1		
R143	ERD12FJ471	470Ω, 1/2W, ± 5%, Carbon	1		
R144	ERD18TJ151	150Ω, 1/8W, ± 5%, Carbon	1		
R145	ERD18TJ100	10Ω, 1/8W, ± 5%, Carbon	1		
R146	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1		
R147	ERD18TJ100	10Ω, 1/8W, ± 5%, Carbon	1		
R148	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R149	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1		
R150	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1		
R151	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R152	ERD18TJ123	12kΩ, 1/8W, ± 5%, Carbon	1		
R153	ERD18TJ273	27kΩ, 1/8W, ± 5%, Carbon	1		
R154	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R201	ERD12TSJ274	270kΩ, 1/2W, ± 5%, Carbon	1		
R202	ERD12TSJ274	270kΩ, 1/2W, ± 5%, Carbon	1		
R203	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R204	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R205	ERD12TSJ334	330kΩ, 1/2W, ± 5%, Carbon	1		
R206	ERD12TSJ334	330kΩ, 1/2W, ± 5%, Carbon	1		
R207	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R208	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R209	ERO50CKF1743	174kΩ, 1/2W, ± 1%, Metallic	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R210	ERO50CKF1743	174kΩ, 1/2W, ± 1%, Metallic	1		
R213	ERO50CKF1502	15kΩ, 1/2W, ± 1%, Metallic	1		
R214	ERO50CKF1502	15kΩ, 1/2W, ± 1%, Metallic	1		
R215	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R216	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1		
R217	ERD12TSJ563	56kΩ, 1/2W, ± 5%, Carbon	1		
R218	ERD12TSJ563	56kΩ, 1/2W, ± 5%, Carbon	1		
R219	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1		
R220	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1		
R221	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1		
R222	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1		
R223	ERD14FJ102	1kΩ, 1/4W, ± 5%, Carbon	1		
R501	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1		
R502	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1		
R503	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R504	ERD18TJ102	1kΩ, 1/8W ± 5%, Carbon	1		
R505	ERD18TJ393	39kΩ, 1/8W, ± 5%, Carbon	1		
R506	ERD18TJ393	39kΩ, 1/8W, ± 5%, Carbon	1		
R507	ERD18TJ392	3.9kΩ, 1/8W, ± 5%, Carbon	1		
R508	ERD18TJ392	3.9kΩ, 1/8W, ± 5%, Carbon	1		
R509	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1		
R510	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1		
R511	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1		
R512	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1		
R513	ERD18TJ391	390Ω, 1/8W, ± 5%, Carbon	1		
R514	ERD18TJ391	390Ω, 1/8W, ± 5%, Carbon	1		
R515	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R516	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R517	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1		
R518	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1		
R519	ERD18TJ122	1.2kΩ, 1/8W, ± 5%, Carbon	1		
R520	ERD18TJ122	1.2kΩ, 1/8W, ± 5%, Carbon	1		
R521	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R522	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1		
R523	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1		
R524	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1		
R525	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1		
R526	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1		
R527	ERD18TJ822	8.2kΩ, 1/8W, ± 5%, Carbon	1		
R528	ERD18TJ822	8.2kΩ, 1/8W, ± 5%, Carbon	1		
R529	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1		
R530	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1		
R531	ERD18TJ683	68kΩ, 1/8W, ± 5%, Carbon	1		
R532	ERD18TJ683	68kΩ, 1/8W, ± 5%, Carbon	1		
R533	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1		
R534	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1		
R535	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1		
R536	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1		
R537	ERD14FJ102	1kΩ, 1/4W, ± 5%, Carbon	1		
R601	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1		
R602	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1		
R603	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R604	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R605	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1		
R606	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1		
R607	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1		
R608	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1		
R609	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		
R610	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R611	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R1004	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1		

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R104	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R105	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1	
R106	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1	
R107	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R108	ERD18TJ152	1.5kΩ, 1/8W, ± 5%, Carbon	1	
R109	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R110	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1	
R111	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1	
R112	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R113	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1	
R114	ERD18TJ221	220Ω, 1/8W, ± 5%, Carbon	1	
R115	ERD14VJ104	100kΩ, 1/4W, ± 5%, Carbon	1	
R116	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1	
R117	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1	
R118	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1	
R119	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1	
R120	ERD18TJ222	2.2kΩ, 1/8W, ± 5%, Carbon	1	
R121	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1	
R122	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1	
R123	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R124	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R125	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1	
R126	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R127	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1	
R128	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1	
R129	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1	
R130	ERD18TJ682	6.8kΩ, 1/8W, ± 5%, Carbon	1	
R131	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1	
R132	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1	
R133	ERD18TJ561	560Ω, 1/8W, ± 5%, Carbon	1	
R134	ERD18TJ561	560Ω, 1/8W, ± 5%, Carbon	1	
R135	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1	
R136	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1	
R137	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1	
R138	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1	
R139	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1	
R140	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1	
R141	ERD12FJ471	470Ω, 1/2W, ± 5%, Carbon	1	
R142	ERG1ANJ331	330Ω, 1W, ± 5%, Metallic	1	
R143	ERD12FJ471	470Ω, 1/2W, ± 5%, Carbon	1	
R144	ERD18TJ151	150Ω, 1/8W, ± 5%, Carbon	1	
R145	ERD18TJ100	10Ω, 1/8W, ± 5%, Carbon	1	
R146	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1	
R147	ERD18TJ100	10Ω, 1/8W, ± 5%, Carbon	1	
R148	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1	
R149	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R150	ERD18TJ473	47kΩ, 1/8W, ± 5%, Carbon	1	
R151	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R152	ERD18TJ123	12kΩ, 1/8W, ± 5%, Carbon	1	
R153	ERD18TJ273	27kΩ, 1/8W, ± 5%, Carbon	1	
R154	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R201	ERD12TSJ274	270kΩ, 1/2W, ± 5%, Carbon	1	
R202	ERD12TSJ274	270kΩ, 1/2W, ± 5%, Carbon	1	
R203	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R204	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R205	ERD12TSJ334	330kΩ, 1/2W, ± 5%, Carbon	1	
R206	ERD12TSJ334	330kΩ, 1/2W, ± 5%, Carbon	1	
R207	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R208	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R209	ERO50CKF1743	174kΩ, 1/2W, ± 1%, Metallic	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R210	ERO50CKF1743	174kΩ, 1/2W, ± 1%, Metallic	1	
R213	ERO50CKF1502	15kΩ, 1/2W, ± 1%, Metallic	1	
R214	ERO50CKF1502	15kΩ, 1/2W, ± 1%, Metallic	1	
R215	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R216	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R217	ERD12TSJ563	56kΩ, 1/2W, ± 5%, Carbon	1	
R218	ERD12TSJ563	56kΩ, 1/2W, ± 5%, Carbon	1	
R219	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1	
R220	ERD18TJ101	100Ω, 1/8W, ± 5%, Carbon	1	
R221	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1	
R222	ERD18TJ331	330Ω, 1/8W, ± 5%, Carbon	1	
R223	ERD14FJ102	1kΩ, 1/4W, ± 5%, Carbon	1	
R501	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1	
R502	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1	
R503	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R504	ERD18TJ102	1kΩ, 1/8W ± 5%, Carbon	1	
R505	ERD18TJ393	39kΩ, 1/8W, ± 5%, Carbon	1	
R506	ERD18TJ393	39kΩ, 1/8W, ± 5%, Carbon	1	
R507	ERD18TJ392	3.9kΩ, 1/8W, ± 5%, Carbon	1	
R508	ERD18TJ392	3.9kΩ, 1/8W, ± 5%, Carbon	1	
R509	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1	
R510	ERD18TJ823	82kΩ, 1/8W, ± 5%, Carbon	1	
R511	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1	
R512	ERD18TJ332	3.3kΩ, 1/8W, ± 5%, Carbon	1	
R513	ERD18TJ391	390Ω, 1/8W, ± 5%, Carbon	1	
R514	ERD18TJ391	390Ω, 1/8W, ± 5%, Carbon	1	
R515	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R516	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R517	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R518	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R519	ERD18TJ122	1.2kΩ, 1/8W, ± 5%, Carbon	1	
R520	ERD18TJ122	1.2kΩ, 1/8W, ± 5%, Carbon	1	
R521	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R522	ERD18TJ103	10kΩ, 1/8W, ± 5%, Carbon	1	
R523	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1	
R524	ERD18TJ394	390kΩ, 1/8W, ± 5%, Carbon	1	
R525	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1	
R526	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1	
R527	ERD18TJ822	8.2kΩ, 1/8W, ± 5%, Carbon	1	
R528	ERD18TJ822	8.2kΩ, 1/8W, ± 5%, Carbon	1	
R529	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1	
R530	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1	
R531	ERD18TJ683	68kΩ, 1/8W, ± 5%, Carbon	1	
R532	ERD18TJ683	68kΩ, 1/8W, ± 5%, Carbon	1	
R533	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1	
R534	ERD18TJ272	2.7kΩ, 1/8W, ± 5%, Carbon	1	
R535	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1	
R536	ERD18TJ562	5.6kΩ, 1/8W, ± 5%, Carbon	1	
R537	ERD14FJ102	1kΩ, 1/4W, ± 5%, Carbon	1	
R601	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1	
R602	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1	
R603	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R604	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R605	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1	
R606	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1	
R607	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R608	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R609	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R610	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R611	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R612	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R613	ERD18TJ182	1.8kΩ, 1/8W, ± 5%, Carbon	1	
R614	ERD18TJ182	1.8kΩ, 1/8W, ± 5%, Carbon	1	
R615	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R616	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R617	ERG1ANJ152	1.5kΩ, 1W, ± 5%, Metallic	1	
R618	ERG1ANJ152	1.5kΩ, 1W, ± 5%, Metallic	1	
R619	ERD12FJ472	4.7kΩ, 1/2W, ± 5%, Carbon	1	
R620	ERD12FJ472	4.7kΩ, 1/2W, ± 5%, Carbon	1	
R621	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1	
R622	ERD18TJ471	470Ω, 1/8W, ± 5%, Carbon	1	
R623	ERD14FJ152	1.5kΩ, 1/4W, ± 5%, Carbon	1	
R624	ERD14FJ152	1.5kΩ, 1/4W, ± 5%, Carbon	1	
R625	ERD14FJ681	680Ω, 1/4W, ± 5%, Carbon	1	
R626	ERD14FJ681	680Ω, 1/4W, ± 5%, Carbon	1	
R627	ERD14FJ100	10Ω, 1/4W, ± 5%, Carbon	1	
R628	ERD14FJ100	10Ω, 1/4W, ± 5%, Carbon	1	
R629	ERD14FJ101	100Ω, 1/4W, ± 5%, Carbon	1	
R630	ERD14FJ101	100Ω, 1/4W, ± 5%, Carbon	1	
R631	ERD14FJ470	47Ω, 1/4W, ± 5%, Carbon	1	
R632	ERD14FJ470	47Ω, 1/4W, ± 5%, Carbon	1	
R633	ERD14FJ330	33Ω, 1/4W, ± 5%, Carbon	1	
R634	ERD14FJ330	33Ω, 1/4W, ± 5%, Carbon	1	
R635	ERD14FJ330	33Ω, 1/4W, ± 5%, Carbon	1	
R636	ERD14FJ330	33Ω, 1/4W, ± 5%, Carbon	1	
R637	ERD14FJ331	330Ω, 1/4W, ± 5%, Carbon	1	
R638	ERD14FJ331	330Ω, 1/4W, ± 5%, Carbon	1	
R639	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1	
R640	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1	
R641	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1	
R642	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1	
R643	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R644	ERD18TJ104	100kΩ, 1/8W, ± 5%, Carbon	1	
R645	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1	
R646	ERD18TJ563	56kΩ, 1/8W, ± 5%, Carbon	1	
R647	ERG2ANJ331	330Ω, 2W, ± 5%, Metallic	1	
R648	ERG2ANJ331	330Ω, 2W, ± 5%, Metallic	1	
R649	ERX2ANJ100	10Ω, 2W, ± 5%, Metallic	1	
R650	ERX2ANJ100	10Ω, 2W, ± 5%, Metallic	1	
R651	ERD12FJ272	2.7kΩ, 1/2W, ± 5%, Carbon	1	
R652	ERG2ANJ102	1kΩ, 2W, ± 5%, Metallic	1	
R653	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R654	ERD18TJ822	8.2kΩ, 1/8W, ± 5%, Carbon	1	
R655	ERD18TJ393	39kΩ, 1/8W, ± 5%, Carbon	1	
R656	ERD18TJ333	33kΩ, 1/8W, ± 5%, Carbon	1	
R657	ERD18TJ564	560kΩ, 1/8W, ± 5%, Carbon	1	
R658	ERD18TJ333	33kΩ, 1/8W, ± 5%, Carbon	1	
R659	ERD18TJ472	4.7kΩ, 1/8W, ± 5%, Carbon	1	
R701 [M] only	ERD18FAJ2R2	2.2Ω, 1/8W, ± 5%, Carbon (Only set for America [M])	1	
R703	ERG3ANJ181	180Ω, 3W, ± 5%, Metallic	1	
R704	ERD14FJ122	1.2kΩ, 1/4W, ± 5%, Carbon	1	
R705	ERD18TJ153	15kΩ, 1/8W, ± 5%, Carbon	1	
R1001	ERC12ZGK335	3.3MΩ 1/2W, ±10%, Solid	1	
R1003	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R1004	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R1005	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R1006	ERD18TJ102	1kΩ, 1/8W, ± 5%, Carbon	1	
R1007	ERD18TJ123	12kΩ, 1/8W, ± 5%, Carbon	1	
R1008	ERD18TJ123	12kΩ, 1/8W, ± 5%, Carbon	1	
R1009	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1	
R1010	ERD18TJ824	820kΩ, 1/8W, ± 5%, Carbon	1	
R1011	ERD18TJ105	1MΩ, 1/8W, ± 5%, Carbon	1	
R1012	ERD18TJ105	1MΩ, 1/8W, ± 5%, Carbon	1	

VARIABLE RESISTORS

VR101	EVLS0AA00B55	500kΩ (B), Muting Level Adjustment	1	
VR102	EVTS3AA00B14	10kΩ (B), PLL VCO Adjustment	1	
VR103	EVLS3AA00B24	20kΩ (B), Separation Adjustment	1	
VR104	EVLS3AA00B24	20kΩ (B), FM Signal Meter Adjustment	1	
VR501, 502	EWF2QAF30B15	100kΩ (B), Bass & Treble Control	2	
VR601, 602	EVLS3AA00B52	500Ω (B), Main Amp ICQ Adjustment	2	
VR1001	EWF5MA037BF5	250kΩ (B), Volume Control	1	
VR1002	EVE7DA088G25	200kΩ (G), Balance Control	1	

CAPACITORS

C1	ECCD1H120KC	12pF, 50WV, ±10%, Ceramic	1	
C2	ECCD1H0101CC	1pF, 50WV, ±0.25pF, Ceramic	1	
C3	ECCD1H180KR	18pF 50WV, ±10%, Ceramic	1	
C4	ECKD1H102MDA	0.001μF, 50WV, ±20%, Ceramic	1	
C5	ECCD1H100KC	10pF, 50WV, ±10%, Ceramic	1	
C6	ECCD1H181K	180pF, 50WV, ±10%, Ceramic	1	
C7	ECKD1H102PF	0.001μF, 50WV, +100% −0%, Ceramic	1	
C9	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C10	ECKD1H102PF	0.001μF, 50WV, +100% −0%, Ceramic	1	
C11	ECCD1H180KC	18pF, 50WV, ±10%, Ceramic	1	
C12	ECCD1H390KC	39pF, 50WV, ±10%, Ceramic	1	
C13	ECCD1H100KC	10pF, 50WV, ±10%, Ceramic	1	
C14	ECCD1H220KR	22pF, 50WV, ±10%, Ceramic	1	
C15	ECCD1H010CC	1pF, 50WV, ±0.25pF, Ceramic	1	
C16	ECCD1H070DC	7pF, 50WV, ±0.5pF, Ceramic	1	
C17	ECCD1H180KC	18pF, 50WV, ±10%, Ceramic	1	
C18	ECQS1361JZ	360pF, 125WV, ±5%, Styrol	1	
C19	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1	
C20	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1	
C21	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C22	ECEA16V10L	10μF, 16WV, Electrolytic	1	
C23	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C24	ECEA16V10L	10μF, 16WV, Electrolytic	1	
C25	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C26	ECKD1H102PF	0.001μF, 50WV, +100% −0%, Ceramic	1	
C27	ECEA25V3R3L	3.3μF, 25WV, Electrolytic	1	
C28	ECEA25V3R3L	3.3μF, 25WV, Electrolytic	1	
C29	ECEA50V1L	1μF, 50WV, Electrolytic	1	
C30	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C31	ECQM05473KZ	0.047μF, 50WV, ±10%, Polyester	1	
C101	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C102	ECCD1H180KC	18pF, 50WV, ±10%, Ceramic	1	
C103	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C104	ECKD1H102PF	0.001μF, 50WV, +100% −0%, Ceramic	1	
C105	ECKD1H223PF	0.022μF, 50WV, +100% −0%, Ceramic	1	

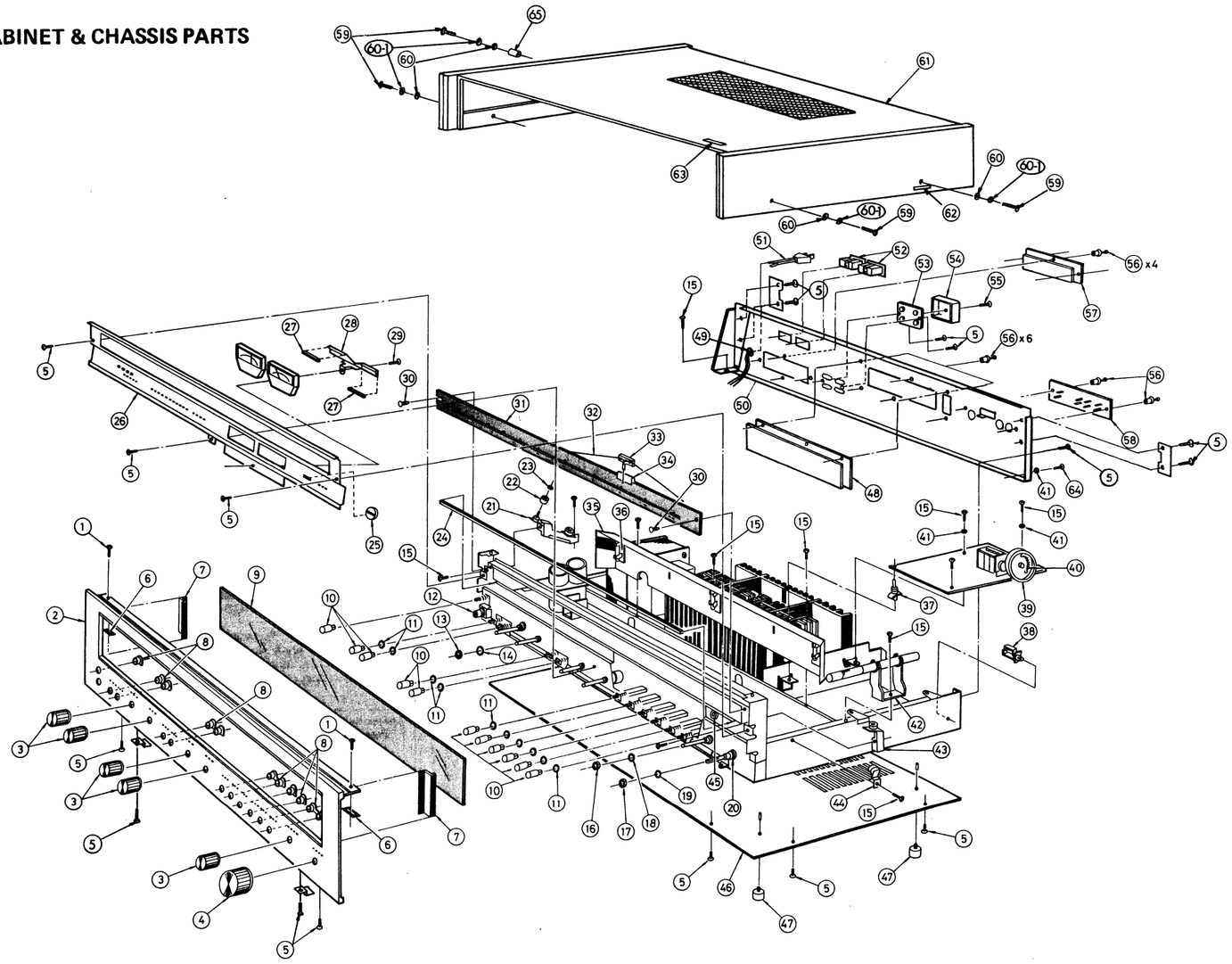
Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C106	ECEA16V10L	10μF, 16WV, Electrolytic	1	
C107	ECEA50V1L	1μF, 50WV, Electrolytic	1	
C108	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1	
C109	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1	
C110	ECEA50ZR1	0.1μF 50WV, Electrolytic	1	
C111	ECCD1H101K	100pF 50WV, ±10%, Ceramic	1	
C112	ECEA50VR47L	0.47μF, 50WV, Electrolytic	1	
C113	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C114	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C115	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C116	ECKD1H102PF	0.001μF, 50WV, +100% −0%, Ceramic	1	
C117	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C118	ECEA6V220V	220μF, 6.3WV, Electrolytic	1	
C119	ECEA25V4R7L	4.7μF, 25WV, Electrolytic	1	
C120	ECQM05473KZ	0.047μF, 50WV, ±10%, Polyester	1	
C121	ECQS1471JZ-K	470pF, 125WV, ± 5%, Styrol	1	
C122	ECEA50ZR22	0.22μF, 50WV, Electrolytic	1	
C123	ECEA50VR47L	0.47μF, 50WV, Electrolytic	1	
C124	ECKD1H102PF	0.001μF, 50WV, +100% −0%, Ceramic	1	
C125	ECEA50MR22R	0.22μF, 50WV, Electrolytic	1	
C126	ECEA25V4R7L	4.7μF, 25WV, Electrolytic	1	
C127	ECQM05183JZ	0.018μF, 50WV, ± 5%, Polyester	1	
C128	ECQM05183JZ	0.018μF, 50WV, ± 5%, Polyester	1	
C129	ECEA50ZR33	0.33μF, 50WV, Electrolytic	1	
C130	ECEA50ZR33	0.33μF, 50WV, Electrolytic	1	
C131	ECEA16V47L	47μF, 16WV, Electrolytic	1	
C132	ECQM05153KZ	0.015μF, 50WV, ±10%, Polyester	1	
C133	ECEA16V220V	220μF, 16WV, Electrolytic	1	
C134	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C135	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C136	ECEA16V47L	47μF, 16WV, Electrolytic	1	
C137	ECEA25V3R3L	3.3μF, 25WV, Electrolytic	1	
C138	ECEA50VR47L	0.47μF, 50WV, Electrolytic	1	
C139	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C140	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C141	ECCD1H010CC	1pF, 50WV, ±0.25pF, Ceramic	1	
C142	ECKD1H223PF	0.022μF, 50WV, +100% −0%, Ceramic	1	
C201	ECCD1H151K	150pF, 50WV, ±10%, Cermaic	1	
C202	ECCD1H151K	150pF, 50WV, ±10%, Cermaic	1	
C203	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1	
C204	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1	
C205	ECCD1H680K	68pF, 50WV, ±10%, Ceramic	1	
C206	ECCD1H680K	68pF, 50WV, ±10%, Ceramic	1	
C207	ECKD2H681KB	680pF, 500WV, ±10%, Ceramic	1	
C208	ECKD2H681KB	680pF, 500WV, ±10%, Ceramic	1	
C209	ECEA6V330V	330μF, 6.3WV, Electrolytic	1	
C210	ECEA6V330V	330μF, 6.3WV, Electrolytic	1	
C211	ECQF1183GZN	0.018μF, 125WV, ± 2%, Polyester	1	
C212	ECQF1183GZN	0.018μF, 125WV, ± 2%, Polyester	1	
C213	ECQF1472GZN	0.0047μF, 125WV, ± 2%, Polyester	1	
C214	ECQF1472GZN	0.0047μF, 125WV, ± 2%, Polyester	1	
C215	ECEA50M1R	1μF, 50WV, Electrolytic	1	
C216	ECEA50M1R	1μF, 50WV, Electrolytic	1	
C217	ECEA50V220V	220μF, 50WV, Electrolytic	1	
C219	ECKD2H391KB	390pF, 500WV, ±10%, Ceramic	1	
C220	ECKD2H391KB	390pF, 500WV, ±10%, Ceramic	1	
C501	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1	
C502	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1	
C503	ECKD2H331KB	330pF, 500WV, ±10% Cermaic	1	
C504	ECKD2H331KB	330pF, 500WV, ±10%, Ceramic	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C505	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1	
C506	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1	
C507	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C508	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C509	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C510	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1	
C511	ECQM05222KZ	0.0022μF, 50WV, ±10%, Polyester	1	
C512	ECQM05222KZ	0.0022μF, 50WV, ±10%, Polyester	1	
C513	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1	
C514	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1	
C515	ECCD1H220K	22pF, 50WV, ±10%, Ceramic	1	
C516	ECCD1H220K	22pF, 50WV, ±10%, Ceramic	1	
C517	ECEA10V47L	47μF, 10WV, Electrolytic	1	
C518	ECEA10V47L	47μF, 10WV, Electrolytic	1	
C519	ECEA50M1R	1μF, 50WV, Electrolytic	1	
C520	ECEA50M1R	1μF, 50WV, Electrolytic	1	
C521	ECEA35V220V	220μF, 35WV, Electrolytic	1	
C601	ECEA50M1R	1μF, 50WV, Electrolytic	1	
C602	ECEA50M1R	1μF, 50WV, Electrolytic	1	
C603	ECEA10V47L	47μF, 10WV, Electrolytic	1	
C604	ECEA10V47L	47μF, 10WV, Electrolytic	1	
C605	ECKD1H102MD	0.001μF, 50WV, ±20%, Ceramic	1	
C606	ECKD1H102MD	0.001μF, 50WV, ±20%, Ceramic	1	
C607	ECCD2H180K	18pF 500WV, ±10%, Ceramic	1	
C608	ECCD2H180K	18pF 500WV, ±10%, Ceramic	1	
C609	ECKD2H221KB	220pF, 500WV, ±10%, Ceramic	1	
C610	ECKD2H221KB	220pF, 500WV, ±10%, Ceramic	1	
C611	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C612	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C615	ECKD2H221KB	220pF, 500WV, ±10%, Ceramic	1	
C616	ECKD2H221KB	220pF 500WV, ±10%, Ceramic	1	
C617	ECCD1H050C	5pF, 50WV, ±0.25pF, Ceramic	1	
C618	ECCD1H050C	5pF, 50WV, ±0.25pF, Ceramic	1	
C619	ECEA50V100V	100μF, 50WV, Electrolytic	1	
C620	ECEA50V100V	100μF, 50WV, Electrolytic	1	
C621	ECEA63V100V	100μF, 63WV, Electrolytic	1	
C622	ECEA63V100V	100μF, 63WV, Electrolytic	1	
C623	ECEA63V100V	100μF, 63WV, Electrolytic	1	
C624	ECEA63V100V	100μF, 63WV, Electrolytic	1	
C625	ECEA25V33L	33μF, 25WV, Electrolytic	1	
C626	ECEA16N220V	220μF, 16WV, Electrolytic	1	
C627	ECEA10V47L	47μF, 10WV, Electrolytic	1	
C628	ECEA50M2R2R	2.2μF, 50WV, Electrolytic	1	
C629	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C631	ECQM1473KZ	0.047μF, 125WV, ±10%, Polyester	1	
C632	ECQM1473KZ	0.047μF, 125WV, ±10%, Polyester	1	
C633	ECEA63V100V	100μF, 63WV, Electrolytic	1	
C635	ECEA63V100V	100μF, 63WV, Electrolytic	1	
C637	ECCD2H150K	15pF, 500WV, ±10%, Ceramic	1	
C638	ECCD2H150K	15pF, 500WV, ±10%, Ceramic	1	
C701 [M]	ECQU1A103MD	0.01μF, 125VAC, Ceramic [M]	1	
C701 [MC]	ECQU1A103MC	0.01μF, 125VAC, Ceramic [MC]	1	
C702 [M]	ECQU1A103MD	0.01μF, 125VAC, Ceramic [M]	1	
C702 [MC]	ECQU1A103MC	0.01μF, 125VAC, Ceramic [MC]	1	
C703	ECET63R153Y	15000μF, 63WV, Electrolytic	1	
C704	ECET63R153Y	15000μF, 63WV, Electrolytic	1	
C707	ECKD2H103PE	0.01μF, 500WV, +100% −0%, Ceramic	1	
C708	ECEA50V470V	470μF, 50WV, Electrolytic	1	
C709	ECKD2H103PE	0.01μF, 500WV, +100% −0%, Ceramic	1	
C710	ECEA50V220V	220μF, 50WV, Electrolytic	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C711	ECEA35V100V	100μF, 35WV, Electrolytic	1	
C712	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C713	ECKD1H103PF	0.01μF, 50WV, +100% −0%, Ceramic	1	
C714	ECEA50V47V	47μF, 50WV, Electrolytic	1	
C715	ECEA35V470V	470μF, 35WV, Electrolytic	1	
C1001	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1	
C1002	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1	
C1003	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1	
C1004	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1	
C1005	ECQM05472KZ	0.0047μF, 50WV, ±10%, Polyester	1	
C1006	ECQM05472KZ	0.0047μF, 50WV, ±10%, Polyester	1	
C1007	ECEA50V1L	1μF, 50WV, Electrolytic	1	
VARIABLE CAPACITOR				
CV1, 2, 3, 4, 5 (CT1, 2, 3, 4, 5)	ECV5MD34X67G	Tuning Gang, FM & AM (with Trimmer)	1	
COMPONENT COMBINATIONS				
Z701, 702	RXAF103P22HD	0.01μF (X2), Ham Cancel	2	
LAMPS				
PL1	XAMR3BS150A	Lamp, Stereo Indicator (6.3V 40mA)	1	
PL2, 3, 4	XAMR6AT	Lamp, Dial & Meter (13.5V, 0.35A)	3	
FUSES				
F701	XBA1M70NU100	7A, 125V Fuse, Power Source	1	
F702	XBA1M15NU100	1.5A, 125V Fuse, Power Source	1	
F703 [MC]	XBA1M10NU100	1A, 125V Fuse, Power Source [MC] Only	1	
F601, 602	XBA01A250U	0.1A, 250V Fuse, SP Circuit Protection	2	
SWITCHES				
S1001	SSR33	Selector Switch	1	
S1002 ~ S1007	SSH619S	Push Switches (Tape 1, 2, Mode, High-Blend, Muting & Loundness)	1	
S1008, 1009	SSH221S	Push Switches (High & Low Filter)	1	
S1010	ESB794T	Power Switch	1	
S1011, 1012	SSH223S	Push Switches (Main & Remote Speaker)	1	
RELAY				
RLY601	SSY21	Relay, Speaker Protection	1	
METERS				
	SSM77	Meter, Signal	1	
	SSM79	Meter, Tuning	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
CABINET and CHASSIS PARTS				
1	XTS3+8CFZ	Screw, Front Panel M'tg.	2	
2	SYW33	Panel, Front	1	
3	SBN583	Knob, Tone, Volume, Balance, Selector	5	
4	SBN585-2	Knob, Tuning	1	
5	XTB3+8BFZ	Screw, Chassis M'tg.	27	
6	SHP641	Spacer, Front Panel	2	
7	SGX6453	Ornament, Front Panel	2	
8	SGX6455	Sleeve, Push Switch Buttons	5½	
9	SGU13	Glass Plate, Front Panel	1	
10	SBC149	Button, Push Switches	11	
11	SHG1339	Rubber Bushing, Push Switch Buttons	11	
12	XCJ6N11B-A	Jack, Headphones	1	
13	XNS8	Nut, Tone, Balance & Volume Control	4	
14	XWV8	Spring Washer, Tone, Balance & Volume	4	
15	XTV3+8C	Screw, Chassis M'tg.	12	
16	XNS7	Nut, Selectror Switch M'tg.	1	
17	XNS9	Nut, Tuning Control M'tg.	1	
18	XWV7	Spring Washer, Selector Switch	1	
19	XWV9	Spring Washer, Tuning Control	1	
20	SDT8007-1	Shaft, Tuning Control Ass'y	1	*
	SDX751S	Flywheel, Tuning	1	
	XXAS3K5S	Screw, Flywheel M'tg.	2	
21	SXE711	Shaft, Dial Cord Ass'y	1	
22	RDR20	Pulley, Dial Cord	4	
23	RNW150-2	Washer, Pulley Lock	4	
24	SUM7-1	Bracket, Dial Scale	1	* ○
25	SGL51	Orange Filter, Stereo Indicator	1	*
26	SDH325-4	Plate, Dial Light	1	* ○
27	RHG109	Rubber Cushion, Meter & AM Antenna Coil	4	
28	SMMA10-2	Bracket, Meter	1	
29	XTV3+6C	Screw, Meter Bracket M'tg.	1	
30	SHRA916-1	Lock Pin, Dial Scale	2	
31	SKD2570	Scale, Dial	1	*
32	SDZ6-1	Cord, Dial 91¼" (230cm)	1roll	
33	SDPA8	Pointer, Dial	1	*
34	SHPA4	Paper, Pointer Slide	1	
35	SMP245	Reflection Board, Dial Light	1	*
36	SJF109-2	Holder, Dial Light	3	
	XRP3X5	Rivet, Dial Light Holder M'tg.	3	
37	SHRA2	Spacer, FM/AM Tuner P.C.B.	1	
38	SHRA307	Clamp, Lead Wire	4	
39	SDD47-1	Drum, Dial Cord	1	
40	SDSA4121	Spring, Dial Cord	1	
41	XWC3B	Toothed Ring, P.C.B. M'tg.	3	
42	SMA209	Bracket, AM Antenna Coil	1	
43	SXE715	Shaft, Dial Cord Ass'y	1	
44	SXE713	Shaft, Dial Cord Ass'y	1	
45	SHGA204	Rubber Bracket, Stereo Indicator	1	
46	SKU5750	Bottom Board	1	*
47	SKL145	Foot, Set (with Lock Pin)	4	
48	SJF3015	Terminal, Input & Tape Deck	1	
49	RHR111	Bushing, AC Cord	1	
50 [M]	SGP331P	Rear Panel, Set for America [M]	1	○
50 [MC]	SGP331Q	Rear Panel, Set for Canada [MC]	1	○
51	EDA10A	AC Cord	1	
52	SJFA6-1	Socket, AC Outlet	2	
53	SJFA5201-2	Holder, SP. Circuit Protection Fuse	1	
54	SJFA5202-1	Cover, SP. Circuit Protection Fuse	1	

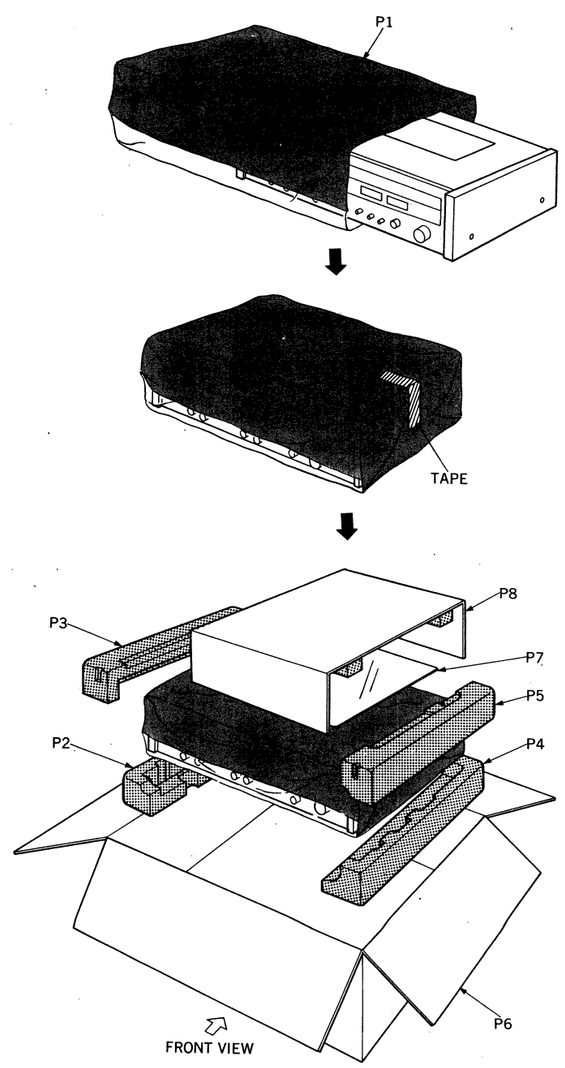
■ CABINET & CHASSIS PARTS



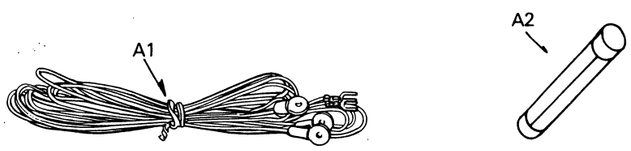
Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
55	XSN26+12	Screw, SP, Circuit Protection Fuse Cover M'tg.	1	
56	SHR401-1	Lock Pin, Terminal M'tg.	12	
57	SJF4803-1	Terminal, Speakers	1	
58	SJFA4402	Terminal, FM/AM Antenna	1	
59	XTB4+35FFZ	Screw, Cabinet M'tg.	4	
60	XWG5FZ	Washer, Cabinet Screw	4	
60-1	XWA4BFZ	Washer, Spring	4	
61	SKA9090W	Cabinet	1	* ○
62	SQXA4112	Caution Label, Cabinet Screw	1	
63	QQC1045	Label, Cabinet	1	
64	XTW3+8EFZ	Screw, Rear Panel M'tg.	1	
65	SNE63	Sleeve, Cabinet Screw	1	* ○
		ACCESSORIES		
A1	SSA251	Cord, FM Feeder Antenna	1	
A2	XBAS1A5001	5A Fuse, Speaker Circuit Protection	2	
		PACKING PARTS		
P1	SPP509	Polyethylene Bag, Set	1	○
P2	SPS883	Pad, Left Side, Lower	1	○
P3	SPS885	Pad, Left Side, Upper	1	○
P4	SPS887	Pad, Right Side, Lower	1	○
P5	SPS889	Pad, Right Side, Upper	1	○
P6 [M]	SPG939	Carton Box	1	○
P6 [MC]	SPG941	Carton Box	1	○
P7 [M]	SQF1535	Printed Matter	1	○
P7 [MC]	SQF1537	Printed Matter	1	○
P8	SPS959	Pad, Inside	1	○

NOTE
- The model SA-5570 [M] is available in America only.
- The model SA-5570 [MC] is available in Canada only.

■ PACKINGS



■ ACCESSORIES



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